

Date: Tue, 26 Jan 93 23:59:00 PST  
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>  
Errors-To: Info-Hams-Errors@UCSD.Edu  
Reply-To: Info-Hams@UCSD.Edu  
Precedence: Bulk  
Subject: Info-Hams Digest V93 #117  
To: Info-Hams

Info-Hams Digest                      Tue, 26 Jan 93                      Volume 93 : Issue    117

Today's Topics:

                                 DXCC Rules  
                                 Endurance (2 msgs)  
                                 FM broadcast station sidebands  
                                 Ham Radio Causes Cancer!  
                                 NIR-10 DSP Noise Reduction Unit  
                                 QSL Help Needed: CQWW CW 92  
                                 Question of Fox hunting with Doppler DF Units  
                                 Real NoCodes (2 msgs)  
                                 STS-55 Element Set (056.68)  
                                 Three Minute Morse (2 msgs)  
                                 What if....

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>  
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.

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Date: 26 Jan 93 15:43:55 EST  
From: pacbell.com!sgiblab!sdd.hp.com!ncr-sd!ncrcae!ncrhub2!ncrgw2!psinntp!  
arrl.org@network.UCSD.EDU  
Subject: DXCC Rules  
To: info-hams@ucsd.edu

>  
>The Ohio/Penn Dx PacketCluster  
>DX Bulletin No. 096 (OPDX.096)  
>January 25, 1992  
>Editor Tedd Mirgliotta, KB8NW  
>Provided by BARF-80 BBS Cleveland, Ohio



--

Gary Coffman KE4ZV		You make it,		gatech!wa4mei!ke4zv!gary
Destructive Testing Systems		we break it.		uunet!rsiatl!ke4zv!gary
534 Shannon Way		Guaranteed!		emory!kd4nc!ke4zv!gary
Lawrenceville, GA 30244				

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Date: 26 Jan 93 20:09:38 GMT  
From: ogicse!uwm.edu!linac!att!cbnews!jeffj@network.UCSD.EDU  
Subject: Endurance  
To: info-hams@ucsd.edu

In article <1993Jan26.165452.8704@ke4zv.uucp> gary@ke4zv.UUCP (Gary Coffman) writes:

>In article <1k1j57INN3co@emx.cc.utexas.edu> oo7@emx.cc.utexas.edu (Q. Burpington-Smythe) writes:

>

>I thought the connection to amateur radio was thin. The writing was of  
>good quality, but I wondered as I read it if it's 4 pages couldn't have  
>been put to a better use carrying an article like N6NWP presented in the  
>same issue. That's the sort of thing I expected of \_Ham Radio\_ (sniff)  
>and want to see more of in QST.

I have noticed that 73 magazine seems to want to become the next Ham Radio magazine with all the construction articles they have been running lately. Anyone noticed this?

73!

Jeff

A Wayne Green fan/hater at times.

--

Jeff Jones AB6MB		Hooker	:	I'll do anything for \$50!
jeffj@seeker.mystic.com		Henny Youngman:		Will you paint my house?
Infolinc BBS 415-778-5929				

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Date: 26 Jan 93 12:24:11 CST  
From: sdcrsi!equalizer!timbuk.cray.com!hemlock.cray.com!cherry10!  
dadams@network.UCSD.EDU  
Subject: FM broadcast station sidebands  
To: info-hams@ucsd.edu

Ok this may not be the best newsgroup for this, but then hams would know the answer to this better than any other group I can

think of.

years ago I learned that broadcast stations in the FM commercial broadcast band (88-108 MHz) often do not need to use all of the spectrum allotted to them for broadcasting what they broadcast, and hence they some times broadcast other things on sidebands like elevator music etc. You can't pick this up on normal receivers. They sell special receivers to businesses and other organizations so that they can play this elevator music or background music. I think that it is usually mono (not stereo). When I lived in the Chicago area many years ago, we had this light and easy station (I don't remember the name) that I believe is owned by Boneville International. They would broadcast proceedings of church conferences for the Mormon Church on one of these sidebands. My family bought this radio that would receive these broadcasts. This radio was fixed to receive this one side band only. You couldn't tune it to receive any other sidebands or stations. (On occasion you could hear the main station bleeding over I think.)

So my question is, what would one have to do to modify a receiver, or build a receiver to tune in such broadcasts? Would it be hard? Why don't commercial manufacturers supply such a function, at least for the more pricey receivers?

---

--David C. Adams Statistician Cray Research Inc. dadams@cray.com

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Old Sourdoughs never die. They just ferment away.

-----  
Date: Tue, 26 Jan 1993 17:15:44 GMT  
From: usc!zaphod.mps.ohio-state.edu!swrinde!gatech!kd4nc!ke4zv!  
gary@network.UCSD.EDU  
Subject: Ham Radio Causes Cancer!  
To: info-hams@ucsd.edu

In article <14570596@hpnmdla.sr.hp.com> alanb@hpnmdla.sr.hp.com (Alan Bloom) writes:

>

>Also note that the field in a typical home just due to the house wiring  
>is typically around 1-2 milligauss. And the field around something like  
>a stove burner or microwave oven is in the high ten's of milligauss.  
>If there really is a health problem associated with low levels of AC  
>magnetic fields, we better rewire the whole country for DC.

Yeah, I poo-pooed Tommy Edison when he and Georgie Westinghouse were

fighting over Nicky Tesla's new fangled AC, but maybe Tommy had something after all. Of course nobody would pay any attention to Tommy because by then he was deaf as a post and couldn't copy Morris by ear anymore.

Gary

--

Gary Coffman KE4ZV		You make it,		gatech!wa4mei!ke4zv!gary
Destructive Testing Systems		we break it.		uunet!rsiatl!ke4zv!gary
534 Shannon Way		Guaranteed!		emory!kd4nc!ke4zv!gary
Lawrenceville, GA 30244				

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Date: Tue, 26 Jan 1993 14:23:09 -0500  
From: usc!zaphod.mps.ohio-state.edu!pacific.mps.ohio-state.edu!cis.ohio-state.edu!news.sei.cmu.edu!bb3.andrew.cmu.edu!crabapple.srv.cs.cmu.edu!andrew.cmu.edu!kp2a+@network.UCSD.EDU  
Subject: NIR-10 DSP Noise Reduction Unit  
To: info-hams@ucsd.edu

I am thinking of buying a DSP "box" (my work keeps me too busy to build anything so I have to buy a commercial product). I am tempted to spring for the \$349.95 to buy the NIR-10 from JPS Communications. Has anyone purchased one and is it worth the money? Specifically, how does it perform on cleaning up CW reception.

73 & Thanks.

Keith Poole (K7MOA/3)

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Date: Tue, 26 Jan 93 11:47:16 PST  
From: pa.dec.com!mast.enet.dec.com!reisert@decwrl.dec.com  
Subject: QSL Help Needed: CQWW CW 92  
To: info-hams@ucsd.edu

These callsigns were logged in the CQWW CW contest last November.  
Anyone have QSL routes for them?

3A2LW  
DU3HF  
FO/SM5NZY (home call?)  
J20UFT  
LZ6L  
XR1X



In article <1993Jan25.195100.4623@nntpd.lkg.dec.com>,  
j\_otterson@otters.enet.dec.com (Jeff Otterson/N1KDO) writes:

```
|>  * real no-codes upgrade to advanced 1 month after passing their no-code.
|>
|>  * real no-codes design and build a talking repeater controller from scratch.
|>
|>  * real no-codes get elected to ham club offices.
|>
|>  * real no-codes act as net control for local 2 meter ARES nets

  * real no-codes singlehandedly track down repeater jammers
--
```

Mat Maessen    N2NJZ            | maessm@rpi.edu

----- | -----  
The opinions expressed in this message definitely do NOT reflect the  
views of RPI, Roland Schmitt, or BAPP  
-----

(c) 1992 Fake-sig Co., Inc.  
-----  
  
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Date: Tue, 26 Jan 1993 16:14:05 GMT  
From: usc!zaphod.mps.ohio-state.edu!sol.ctr.columbia.edu!The-Star.honeywell.com!  
umn.edu!kksys.com!edgar!brainiac!moron!lmt!cgc.lmt.com!chrisc@network.UCSD.EDU  
Subject: Real NoCodes  
To: info-hams@ucsd.edu

In article <kd1hz.1@anomaly.sbs.com> kd1hz@anomaly.sbs.com (Michael P. Deignan)  
writes:

```
>From: kd1hz@anomaly.sbs.com (Michael P. Deignan)
>Subject: Real NoCodes
>Date: Fri, 22 Jan 1993 22:42:12 GMT
```

```
>
>                    REAL NOCODES
>                    By Michael P. Deignan
>                    kd1hz@anomaly.sbs.com
```

[ Humourous crap deleted...]

>And yes... Every one of these actually happened.

>Have any others? Email them to me!

>

> Michael P. Deignan, KD1HZ

> Domain: mpd@anomaly.sbs.com

> UUCP: ...!uunet!anomaly!mpd

I'm not a bigot,

I hate everyone...

> Telebit: +1 401 455 0347

...and let's face, you NEVER heard this stuff before the FCC no-code license was established, did you.

All of the above is and has been common practice at least for the past six years (the length of time I have been in the US).

Chris

Chris Cox W0/G4JEC  
Network Administrator  
LaserMaster Technologies  
7156 Shady Oak Road  
Eden Prairie, MN 55344

chrisc@lmt.mn.org  
NIC handle: CC345  
Tel: (612) 944-6069  
Fax: (612) 944-5544

----- For mail of a more social nature, please use -----  
Internet: chrisc@moron.vware.mn.org  
Amprnet: chrisc@biggus.g4jec.tcman.ampr.org

-----  
Date: Tue, 26 Jan 1993 17:49:30 GMT  
From: dog.ee.lbl.gov!overload.lbl.gov!agate!spool.mu.edu!sdd.hp.com!crash!  
telesoft!garym@network.UCSD.EDU  
Subject: STS-55 Element Set (056.68)  
To: info-hams@ucsd.edu

These are prelaunch elements for STS-55 based on a February 25 launch at 15:20 UTC. This data is from Gil Carmen at JSC via the ARRL and provided by Will Marchant. STS-55 will carry SAREX (Shuttle Amateur Radio EXperiment).  
--GaryM

STS-55

1	00055	00	93056.68944922	.00120200	00000	1	00000	1	0	05
2	00055	28.4697	216.9602	0003812	314.2100	45.8202	15.90487610			23

Satellite: STS-55

Catalog number: 00055

Epoch time: 93056.68944922

Element set: 0

Inclination: 28.4697 deg

RA of node: 216.9602 deg

Eccentricity: .0003812

Arg of perigee: 314.2100 deg

Mean anomaly: 45.8202 deg

Mean motion: 15.90487610 rev/day

Decay rate: 0.00120200 rev/day~2

Space Shuttle Flight STS-55  
Prelaunch Keplerian Elements  
Launch: 25 FEB 93 15:20 UTC



Epoch rev: 2

Semimajor axis: 6679.0124 km  
Apogee height: 303.3984 km  
Perigee height: 298.3063 km

--

Gary Morris KK6YB           Internet: elements-request@telesoft.com  
San Diego, CA, USA       Phone: +1 619-457-2700

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Date: 26 Jan 93 18:11:46 GMT  
From: dog.ee.lbl.gov!overload.lbl.gov!agate!stanford.edu!CSD-  
NewsHost.Stanford.EDU!abercrombie.Stanford.EDU!paulf@network.UCSD.EDU  
Subject: Three Minute Morse  
To: info-hams@ucsd.edu

devo@vnet.ibm.com (Dave Eaton) writes:

>PS, I am indeed one of those hopeless "no-coders" and look at  
>me...learning morse code. Breaking all the stereotypes. :-)  
>I think CW is pretty cool. I can make out a lot more CW on  
>the bands than SSB. And I think CW would make a darn slick  
>interface for a full-blown computer watch...I could take notes  
>during meetings without any distractions or lugging something  
>around.

Somehow, lost in the noise, is the fact that, in addition to the surge of  
codeless techs, there has also been a significant increase in the number  
of hams upgrading in recent months. The reason is simple enough. It's  
pretty well impossible to explain the utility of morse code to someone who is  
outside of the hobby. From the inside, however, it's a different matter.  
Personally, I had never planned on upgrading from tech when I got the license  
in 1986; a few months on the air changed all that.

As such, I think the folks who are pro-code to the point of codeless tech  
bashing are shooting themselves in the foot.

-=Paul Flaherty, N9FZX | "Just name a hero, and I'll prove he's a bum."  
->paulf@Stanford.EDU | -- Col. Gregory "Pappy" Boyington, USMC (ret)

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Date: Tue, 26 Jan 1993 19:33:57 GMT  
From: saimiri.primate.wisc.edu!zaphod.mps.ohio-state.edu!uwm.edu!linac!att!  
cbnewsm!jeffj@ames.arpa  
Subject: Three Minute Morse

To: info-hams@ucsd.edu

In article <paulf.728071906@abercrombie.Stanford.EDU>  
paulf@abercrombie.Stanford.EDU (Paul Flaherty) writes:  
>devo@vnet.ibm.com (Dave Eaton) writes:

>

>Somehow, lost in the noise, is the fact that, in addition to the surge of  
>codeless techs, there has also been a significant increase in the number  
>of hams upgrading in recent months. The reason is simple enough. It's  
>pretty well impossible to explain the utility of morse code to someone who is  
>outside of the hobby. From the inside, however, it's a different matter.  
>Personally, I had never planned on upgrading from tech when I got the license  
>in 1986; a few months on the air changed all that.

Has anyone besides me noticed a surge in ads in the various ham radio  
magazines for all kinds of products for Amateur radio lately? Seems like  
every time I look in 73 and the others I see new stuff that I haven't seen  
before. The No-code techs are responsible for that folks! God Bless them!  
Maybe our ham radio magazines will resemble those in Japan where they are  
darn near the size of phone books in the near future. Let's see the hobby  
is growing almost at the rate of 10% per year now. In 7 years that's a  
doubling of size so we are looking at about 1.2 millions hams in 1999 as  
we are at about 600,00 now. That's a lot of new HT's and HF gear! Yes, the  
future looks bright for ham radio! You can quibble with the figures but  
they are in the general ball park. IF anyone has exact figures could you  
please post them? COME ON NO-CODE!!!! 73!

Jeff

--

Jeff Jones AB6MB | Hooker : I'll do anything for \$50!  
jeffj@seeker.mystic.com | Henny Youngman: Will you paint my house?  
Infolinc BBS 415-778-5929 |

-----  
Date: 26 Jan 93 18:45:49 GMT  
From: ogicse!clark!spool.mu.edu!sol.ctr.columbia.edu!news.columbia.edu!  
cunixb.cc.columbia.edu!baw2@network.UCSD.EDU  
Subject: What if....  
To: info-hams@ucsd.edu

Theoretical posting:

"Hi, my name is ----. I have always been interested in radio, and  
my dad was a ham. He always told me how special it was to be a ham, and how much

he enjoyed it.

"Since I had some trouble learning the code, I decided to go for the no-code Technician license. I subscribed to rec.radio.amateur.misc, too. But I can see that the no-code techs are looked down upon by the ham community. I also had some questions about theory and regs, but when I asked them on the net, I got several nasty replies telling me to 'read the license manual', etc.

"Since I have limited finances, I guess I will give up the idea of becoming a ham altogether. Why spend money on equipment just to be treated like a fool because I have trouble learning the code or theory? My dad said that the best thing about hamming was the sense of community among operators, and that newcomers were helped by the old-timers. If my dad were alive today, he would be very hurt knowing all this. I wonder what has happened to amateur radio...."

Food for thought, gang.

Bruce  
KA2TYX/AG (I was a coded novice, BTW)

-----  
Date: Tue, 26 Jan 1993 18:19:53 GMT  
From: saimiri.primate.wisc.edu!zaphod.mps.ohio-state.edu!uwm.edu!linac!att!  
cbnewsm!jeffj@ames.arpa  
To: info-hams@ucsd.edu

References <C1E2nu.GA3@anomaly.sbs.com>, <N1-ls\*8y0@lemsys.UUCP>,  
<1993Jan26.104432.1@kean.ucs.mun.ca>t  
Subject : Re: Real NoCodes\_, Now CW and reality

In article <1993Jan26.104432.1@kean.ucs.mun.ca> jcraig@kean.ucs.mun.ca writes:  
>In article <N1-ls\*8y0@lemsys.UUCP>, clemon@lemsys.UUCP (Craig Lemon VE3XCL)  
writes:  
>For low band DXing, CW shines where packet et al. wouldn't have a chance.  
>  
>> you're such a big fan of it, it is still used by people who \_enjoy\_ working  
>> CW for it's challenge.  
>  
>It's no more of a challenge than talking.  
>  
>> Code is going to die sooner or later.  
>  
>The CW sub-bands are more acitve than ever.  
>  
>I can understand your being offended by anti-no-code sentiments, but

>making unfounded remarks about CW can only serve to discredit you.  
>Most people who bother to learn it (ie 25-30 wpm) think it's great fun...  
>really!

You know if you read the posts here you would get the impression that the CW portions of the various bands were devoid of any activity at all. In fact the exact opposite is true as they are crowded and extremely active! Can't tell you how many times I have given up trying to find a spot to call CQ and went over to the phone portions where there is much less activity. You can yell and scream that code is dying and it's a waste of time but the truth is it is alive and well and doing fine. Sorry to rain on your digital parades. There are too many of us who take great delight in doing CW and who are having a great deal of fun with it. Hearing those dits and dahs and writing it all down has a certain magic to it. Working QRP CW and having a contact with Italy one night as I did is one of the many joys of CW. The ability to build cheap gear for CW is another reason I am attracted to Morse Code. Also it is just plain fun and I believe I would have missed so much if it wasn't a requirement for HF. It is a major part of Ham radio no matter how people rail against it. Probably will be for a good long time.  
73!

Jeff

--

Jeff Jones AB6MB | Hooker : I'll do anything for \$50!  
jeffj@seeker.mystic.com | Henny Youngman: Will you paint my house?  
Infolinc BBS 415-778-5929 |

-----  
Date: 26 Jan 93 20:25:37 GMT  
From: ogicse!emory!swrinde!zaphod.mps.ohio-state.edu!news.acns.nwu.edu!  
casbah.acns.nwu.edu!lapin@network.UCSD.EDU  
To: info-hams@ucsd.edu

References <1k1j57INN3co@emx.cc.utexas.edu>, <1993Jan26.165452.8704@ke4zv.uucp>,  
<1993Jan26.200938.381@cbnewsm.cb.att.com>  
Subject : rec.radio.amateur.misc causes cancer

Does reading rec.radio.amateur.misc cause cancer?

After wading through literally hundreds of postings that contain whining about the CW requirement, offended responses to attempted humorous postings (real hams, no-code hams, good hams, bad hams, green eggs and hams) I believe I feel a tumor growing - right behind my eyes.

Fortunately the American Cancer Society recommends a preventive measure: the KILL file. Since I learned about this neat little utility, I can feel

my tumor in regression and even have a couple extra hours in the day that I have to fill (maybe I could get on the air!)

Prevent cancer -- edit your KILL file!

Greg Lapin KD9AZ

-----  
Date: 26 Jan 93 20:19:31 GMT  
From: elroy.jpl.nasa.gov!mycroft.jpl.nasa.gov!ring@decwrl.dec.com  
To: info-hams@ucsd.edu

References <C19HF9.9v5@panix.com>, <14570600@hpnmdla.sr.hp.com>,  
<1993Jan26.155904.20274@cbnewsm.cb.att.com>  
Subject : Re: Real Hams... ALL!

The president of our Amateur Radio club here at Jet Propulsion Lab is a no-code tech. He has no intention of upgrading.

They just voted him into office for a second term. Hmmm...

Warren Ring KN6AR/AE

-----  
Date: (null)  
From: (null)  
All stations contacted must be "land" stations." Contacts with ships and boats, anchored or under way, and airborne aircraft, cannot be counted.

See you in the KH1 pileups!

Jim, KR1S

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End of Info-Hams Digest V93 #117  
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